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ASSIGNMENTS
OF
SOIL SURVEY PARTIES
FOR THE
FIELD SEASON OF 1905

AUGUST 1, 1905.

United States Department of Agriculture,

BUREAU OF SOILS.

ASSIGNMENTS OF SOIL SURVEY PARTIES FOR THE FIELD SEASON, 1905.

The following assignments of the field parties for the season of 1905 are made with the approval of the Secretary of Agriculture. Such modifications and changes as may be called for by the exigencies of the public service will be made from time to time by the Chief of the Bureau of Soils. These assignments will go into effect May 1, 1905.

1. H. H. Bennett and W. E. McLendon will proceed to Louisa, Va., and make a survey of Louisa County. Upon the completion of this area they will proceed to Hanover, Va., and make a survey of Hanover County.

2. J. L. Burgess and W. S. Lyman will proceed to Giddings, Tex., and make a survey of Lee County. Upon the completion of this area they will proceed to Everest, Kans., and complete the survey of Brown County.

3. E. P. Carr and A. W. Mangum will proceed to Coupeville, Wash., and make a survey of Island County. Upon the completion of this county they will survey as much of the western part of Snohomish County as possible, before the close of the season.

4. M. E. Carr will proceed to Lexington, Tenn., and survey all of Henderson County. He will be joined by Mr. Frank Bennett as soon as possible after the 1st of May. About October 1, Mr. Carr will go to Paducah, Ky., and survey all of McCracken County. He will be assisted by T. D. Rice.

5. W. T. Carter, jr., and A. E. Kocher will continue and complete the survey of Houston County, Tex. Upon the completion of this area Mr. Carter will join E. O. Fippin in the soil survey work in New York State, and Mr. Kocher will proceed to Cooperstown, N. Dak., to begin the survey of Foster and Griggs counties. He will be assisted by L. A. Hurst.

6. E. O. Fippin upon the completion of the college year at Cornell University, will take charge of the soil survey work in New York State and complete the survey of Tompkins County. Upon the completion of this area he will survey the Binghamton Quadrangle, U. S. G. S. He will be assisted by W. T. Carter, jr.

7. W. J. Geib and G. B. Jones will proceed to Duluth, Minn., and survey about 500 square miles of the agricultural land west and south of Duluth. Upon the completion of this area Mr. Jones will proceed to Pontiac, Mich., and make a survey of about 500 square miles directly north of the Pontiac area. Mr. Mackie will join Mr. Jones in the survey of the area, upon the completion of the Mesa County, Colo., area. Mr. Geib will report in Washington upon the completion of the Duluth area.

8. A. M. Griffen and O. L. Ayrs will proceed to Buckhannon, W. Va., and survey all of Upshur County. Upon the completion of this area the party will proceed to Richmond, Ky., and survey Madison County.

9. W. E. Hearn and C. J. Mann will proceed to Steelville, Mo., and make a survey of Crawford County. Upon the completion of this area the party will go to Memphis, Mo., and survey Scotland County.

10. J. G. Holmes and T. D. Rice will proceed to Grand Junction, Colo., and make a survey of about 700 square miles of Mesa County. Mr. Holmes having resigned, to take effect July 31, Mr. Mackie will join Mr. Rice in the completion of this area. Upon its completion Mr. Rice will proceed to Paducah, Ky., to start the survey of McCracken County and Mr. Mackie will join Mr. Jones in Oakland County, Mich. Mr. Rice will be joined about October 1 by Mr. M. E. Carr.

11. Upon the completion of the Houston, Tex., area, A. E. Kocher will proceed to Cooperstown, N. Dak., and survey about 500 square miles in Griggs and Foster counties, working from townships 145, 146, and 147 west. He will be assisted by L. A. Hurst. Upon the completion of this area they will proceed to Papillion, Nebr., and make a survey of Sarpy County.

12. J. E. Lapham and C. N. Mooney will proceed to Columbus, Ohio, and make a survey of the Westerville and Dublin Quadrangles, U. S. G. S. Upon the completion of this area they will proceed to Cleveland, Ohio, and survey the Cleveland and Berea Quadrangles, U. S. G. S.

13. M. H. Lapham and W. W. Mackie will continue and complete the survey of the Stockton area, Cal. Upon the completion of this area M. H. Lapham and C. W. Ely will proceed to Bozeman, Mont., and make a survey of the Gallatin Valley. Mr. Mackie will take a furlough until August 1, when he will report to Mr. Rice at Grand Junction, Colo.

14. F. N. Meeker and R. T. A. Burke will proceed to Stevens Point, Wis., and make a survey of Portage County. Upon the completion of this area this party will assist Messrs. Geib and Jones in the survey of Oakland County, Mich.

15. N. P. Neill and W. E. Tharp will proceed to Goodland, Ind., and make a survey of Newton County. Upon the completion of this area the party will proceed to Lafayette, Ind., and survey Tippecanoe County.

16. J. A. Drake and H. L. Belden will continue the survey of York County, S. C. Upon the completion of this area the party will proceed to Blacksburg, S. C., and survey Cherokee County. Upon the completion of this area the party will proceed to Wilmington, N. C., and survey New Hanover County.

17. H. J. Wilder and A. T. Strahorn will proceed to Norristown, Pa., and make a survey of Montgomery County. Upon the completion of this area the party will proceed to Phoenixville, Pa., and survey Chester County. Mr. Strahorn will report for special service about August 15, when Mr. Geib will take his place on the Montgomery County survey.

MILTON WHITNEY,
Chief of Bureau.

WASHINGTON, D. C., *August 1, 1905.*

Approximate areas to be surveyed in 1905.

State.	Area.	Sq. Mi.	Remarks.	Party.	
Alabama	Blount County	2	653	In progress ^a	Smith-Meeker.
Do	Dallas County	1	1,195	In progress ^a	E. P. Carr-Burke.
Do	Lauderdale County	2	863	In progress ^a	Hearn-H. H. Bennett.
Do	Montgomery County	2	772	In progress ^a	Bonsteel, F. E.-Ayrs- Rice.
California	Stockton Area	2	576	In progress ^a	McLendon-Mann.
Colorado	Mesa County	4	700	Part of county ^a	M. H. Lapham-Mackie.
Florida	Leon County	4	730	In progress ^a	Holmes-Rice-Mackie.
Georgia	Spalding County	4	203	In progress ^a	Wilder-Geib.
Indiana	Newton County	4	380	All of county ^a	Drake-Jones.
Do	Tippecanoe County	4	488	All of county ^b	J. E. Lapham-Lyman.
Kansas	Brown County	2	200	Complete county	Neill-Tharp.
Kentucky	Madison County	4	436	All of county ^b	Neill-Tharp.
Do	McCracken County	4	241	All of county	Burgess-Lyman.
Louisiana	Tangipahoa Parish	2	780	In progress ^a	Griffen-Ayrs.
Do	East Baton Rouge	2	451	In progress ^a	M. E. Carr-Rice.
Michigan	Oakland County	4	500	Extend area	Griffen-Caine.
Minnesota	Duluth Area	4	500	Part of county ^b	Marean-Ely-Neill.
Mississippi	Crystal Springs	2	260	In progress ^a	Jones-Mackie.
Missouri	Crawford County	4	747	All of county ^b	Geib-Jones.
Do	Scotland County	4	453	All of county	Burgess-Tharp.
Montana	Gallatin Valley	4	500	Part of county ^b	Hearn-Mann.
Nebraska	Sarpy County	3	225	All of county	Hearn-Mann.
New York	Tompkins County	3	200	Part of county ^a	M. H. Lapham-Ely.
Do	Binghamton sheet	3	250	All of sheet ^b	Kocher-Hurst.
North Carolina	Duplin County	2	830	In progress ^a	Fippin-Carter.
Do	New Hanover County	4	199	All of county	Fippin-Carter.
North Dakota	Griggs & Foster Counties.	4	500	Parts of counties ^b	Root-Hurst.
Ohio	Berea Area	3	500	All of two sheets ^b	Drake-Belden.
Do	Westerville Area	3	500	All of two sheets ^a	Drake-Belden.
Pennsylvania	Montgomery County	4	500	All of county ^b	M. E. Carr-F. Bennett.
Do	Chester County	4	760	All of county	Carter-Kocher.
South Carolina	York County	4	670	All of county ^b	Mooney-Belden.
Do	Cherokee County	4	360	All of county ^a	F. Bennett-Strahorn.
Tennessee	Henderson County	4	515	All of county ^b	Burgess-Lyman.
Texas	Houston County	2	1,192	In progress ^a	Mangum-M. E. Carr.
Do	Lavaca County	2	992	In progress ^a	H. H. Bennett-McLendon.
Do	Lee County	4	666	All of county ^b	H. H. Bennett-McLendon.
Do	Waco area	3	500	In progress ^a	E. P. Carr-Mangum.
Virginia	Hanover County	4	529	All of county	E. P. Carr-Mangum.
Do	Louisa County	4	478	All of county ^b	Griffen-Ayrs.
Washington	Island County	4	238	All of county ^a	Meeker-Burke.
Do	Snohomish County	4	500	Part of county ^b	
West Virginia	Upshur County	4	326	All of county ^a	
Wisconsin	Portage County	4	800	All of county ^b	

¹ Print of county map will be furnished.

² Plane table survey.

³ Topographic sheet.

⁴ Plane table to be used if reliable map can not be obtained.

^a Completed.

^b In progress.

Assignment of soil survey parties, 1905.

Party.	May 1 to November 30.
Bennett, H. H.-McLendon	Louisa County, Virginia.
Bennett, H. H.-McLendon	Hanover County, Virginia.
Burgess-Lyman	Lee County, Texas.
Burgess-Lyman	Brown County, Kansas.
Carr, E. P.-Mangum	Island County, Washington.
Carr, E. P.-Mangum	Snohomish County, Washington.
Carr, M. E.-Bennett, F.	Henderson County, Tennessee.
Carr, M. E.-Rice	McCracken County, Kentucky.
Fippin-Carter	Tompkins County, New York.
Fippin-Carter	Binghamton sheet, New York.
Geib-Jones	Duluth, Minnesota.
Jones-Mackie	Oakland, Michigan.
Griffin-Ayrs	Upshur County, West Virginia.
Griffin-Ayrs	Madison County, Kentucky.
Hearn-Mann	Crawford County, Missouri.
Hearn-Mann	Scotland County, Missouri.
Holmes-Rice-Mackie	Grand Junction, Colorado.
Kocher-Hurst	Griggs and Foster counties, North Dakota.
Kocher-Hurst	Sarpy County, Nebraska.
Lapham, J. E.-Mooney	Westerville and Dublin sheet, Ohio.
Lapham, J. E.-Mooney	Berea and Cleveland sheet, Ohio.
Lapham, M. H.-Ely	Gallatin Valley, Montana.
Meeker-Burke	Portage County, Wisconsin.
Neill-Tharp	Newton County, Indiana.
Neill-Tharp	Tippecanoe County, Indiana.
Drake-Belden	York County, South Carolina.
Drake-Belden	Cherokee County, South Carolina.
Drake-Belden	New Hanover County, North Carolina.
Wilder-Geib	Montgomery County, Pennsylvania.
Wilder-Strahorn-Geib	Chester County, Pennsylvania.

NOTES.

Messrs. Smith and Caine are assigned to headquarters at Washington for two months upon special work.

All blanks in weekly report cards must be filled out and the cards sent in each week. When on leave of absence the address only need be given.

A description of all soil types found in each area should be sent in upon form 47. Only one preliminary sample of a type should be sent, and the red label should be used for these samples only. The preliminary samples will be included in the report with the regular samples.

Attention is again called to the fact that all note books pertaining to the work of the Soil Survey should be forwarded to the office upon the completion of the area.

Upon the completion of an area one complete copy of the map should be furnished and marked "Correct." This may be either the field or the office copy, and must be upon one sheet in order that the entire area may be shown, and that the sections, etc., may join up.

All requests for publications of the Department and requests for analyses or examination of soil samples should be addressed to the Chief of the Bureau, and not to the Secretary of Agriculture.

The resignation of Mr. J. G. Holmes has been accepted to take effect July 31, 1905.